



1600

RAW SEQUENCE LISTING

DATE: 02/19/2003

PATENT APPLICATION: US/09/771,904A

TIME: 13:51:51

Input Set : A:\07148-063003.txt

Output Set: N:\CRF4\02192003\I771904A.raw

4 <110> APPLICANT: DeBonte, Lorin R.
 5 Fan, Zhegong
 6 Miao, Guo-Hua
 8 <120> TITLE OF INVENTION: FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF
 10 <130> FILE REFERENCE: 07148-063003
 12 <140> CURRENT APPLICATION NUMBER: US 09/771,904A
 13 <141> CURRENT FILING DATE: 2001-01-29
 15 <150> PRIOR APPLICATION NUMBER: US 08/874,109
 16 <151> PRIOR FILING DATE: 1997-06-12
 18 <160> NUMBER OF SEQ ID NOS: 70
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

2034 <210> SEQ ID NO: 64
 2035 <211> LENGTH: 6
 2036 <212> TYPE: PRT
 2037 <213> ORGANISM: Artificial Sequence
 2039 <220> FEATURE:
 2040 <223> OTHER INFORMATION: exemplary motif
 2042 <400> SEQUENCE: 64
 2043 Lys Tyr Leu Asn Asn Pro

E--> 2044 1

5 5
 misaligned nos.

Does Not Comply
Corrected Diskette Needed

VARIABLE LOCATION SUMMARY

DATE: 02/19/2003

PATENT APPLICATION: US/09/771,904A

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Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; N Pos. 205

Seq#:1; Xaa Pos. 69

Seq#:2; Xaa Pos. 69

Seq#:3; N Pos. 205

Seq#:3; Xaa Pos. 69

Seq#:4; Xaa Pos. 69

VERIFICATION SUMMARY

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Input Set : A:\07148-063003.txt

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L:36 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:192
M:341 Repeated in SeqNo=1
L:153 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:2
L:153 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:2
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:64
L:209 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:192
M:341 Repeated in SeqNo=3
L:328 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:4
L:328 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:4
L:328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:64
L:2044 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:64